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January 12, 1968

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[Redacted]  
P. O. Box 6788  
Fort Davis Station  
Washington, D. C. 20020

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Reference: Contract [Redacted]

Subject: Monthly Report

Gentlemen:

Enclosed is the Forty-Second Monthly Report covering work under the referenced contract during December 1967.

Sincerely yours,

INFORMATION SYSTEMS DIVISION

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[Redacted]  
Manager, Federal Government Marketing

BWR:ck

Enclosure: 1 to Contracting Officer  
4 directly to Technical Monitor

Declass Review by NGA.

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CONTACT DUPLICATING AND RESEAU PRINTER

AND

HIGH RESOLUTION STEP AND REPEAT PRINTER

FORTY-SECOND MONTHLY LETTER REPORT

JANUARY 10, 1968

Period: December 1, 1967, to December 31, 1967

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## 1.0 CONTACT DUPLICATING AND RESEAU PRINTER

### 1.1 Purpose

The overall objective of the current contract is the design, fabrication, test, and delivery of a photographic step and repeat Contact Duplicating and Reseau Printer. Prime design goals are high-speed automatic operation, variable format capability, and high resolution with minimum film distortion or damage. The delivered equipment will accommodate films of 70mm to 9 $\frac{1}{2}$ " width with frame lengths up to 30" and will provide operation in the Reseau mode and selective mode as options.

### 1.2 Activity of this Report Period

25X1 [redacted] made field trips to the Army Map Service on December 1 and on December 11-14. The major effort was to improve the resolution capability of the Printer. Further evaluation can be made by reviewing a production print run.

### 1.3 Plans for Next Report Period

Assist the Government Acceptance Test Program as required.

### 1.4 Problems

None.

### 1.5 Documentation

None.

### 1.6 Questions Outstanding

None.

## 2.0 HIGH RESOLUTION STEP AND REPEAT PRINTER

### 2.1 Purpose

The purpose of this effort is to design, fabricate, test, and deliver in twenty months a high precision step and repeat, photographic contact printer. This printer will be capable of producing photographic contact prints of the highest possible quality, resolution, and acutance from roll film widths varying from 70mm to 9 $\frac{1}{2}$ " and in preselected frame lengths from 5" up to a maximum of 30".

### 2.2 Activity of this Report Period

There was no activity this month.

### 2.3 Documentation

None.